

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000904

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B24B 7/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A47L, B23Q, B24B, B25H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1407192 A (WAGGONFABRIK UERDINGEN A.G.), 24 Sept 1975 (24.09.1975), page 2, line 74 - line 76; page 2, line 98 - line 103; page 3, line 4 - line 16, figures 1,7,8 --	1
A	US 2787096 A (H.H. RIDDELS ET AL), 2 April 1957 (02.04.1957), column 1, line 15 - line 39; column 3, line 27 - column 4, line 52, figures 1, 4-8 --	1,2
A	GB 1038924 A (LE MATERIEL DE VOIRIE), 10 August 1966 (10.08.1966), figure 1, claim 1 --	1-4

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

27 Sept 2004

Date of mailing of the international search report

28 -09- 2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Anders Brinkman/MP
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000904

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2619402 A1 (VALLERO JACQUES), 17 February 1989 (17.02.1989), figures 1-5, abstract --	1-4
A	US 1176262 A (P.ZOBOLI & G. VICENTINI), 21 March 1916 (21.03.1916), page 1, line 108 - page 2, line 5, figure 3, claim 1 --	1,2
A	US 1523049 A (J.A. CAMPBELL), 13 January 1925 (13.01.1925), figure 1 --	3
A	US 3748680 A (KENNETH EARL GRIFFIN), 31 July 1973 (31.07.1973), figures 1-4 --	1-4
A	US 4163302 A (VINCENT IABONI), 7 August 1979 (07.08.1979), figure 1, abstract --	1-4
A	US 4545156 A (WAYNE B. HOCKETT), 8 October 1985 (08.10.1985), figure 11 --	3
A	US 5280662 A (DENNIS K. VAN FOSSEN), 25 January 1994 (25.01.1994), figures 2, 10A-10D, abstract --	1-4
A	WO 02062524 A1 (THYSELL, HAKAN ET AL), 15 August 2002 (15.08.2002), figure 1, abstract, cited in the application -- -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

03/09/2004

International application No.

PCT/SE 2004/000904

GB	1407192	A	24/09/1975	AT	281074	A	15/04/1975
				AT	327722	B	10/02/1976
				BE	812580	A	15/07/1974
				CH	565009	A	15/08/1975
				DD	110205	A	12/12/1974
				DE	2316957	A	17/10/1974
				FR	2224252	A,B	31/10/1974
				IT	1004072	B	10/07/1976
US	2787096	A	02/04/1957	NONE			
GB	1038924	A	10/08/1966	FR	1403051	A	18/06/1965
				NL	6505786	A	08/11/1965
FR	2619402	A1	17/02/1989	NONE			
US	1176262	A	21/03/1916	NONE			
US	1523049	A	13/01/1925	NONE			
US	3748680	A	31/07/1973	NONE			
US	4163302	A	07/08/1979	NONE			
US	4545156	A	08/10/1985	EP	0102388	A	14/03/1984
				FI	833876	A	24/10/1983
				WO	8303071	A	15/09/1983
US	5280662	A	25/01/1994	US	5282290	A	01/02/1994
WO	02062524	A1	15/08/2002	AU	4131301	A	03/09/2001
				BR	0206409	A	30/12/2003
				CA	2435806	A	15/08/2002
				EP	1358043	A	05/11/2003
				JP	2004518542	T	24/06/2004
				NO	20032689	A	22/09/2003
				SE	518356	C	01/10/2002
				SE	0100416	A	07/08/2002
				US	20040077300	A	22/04/2004